

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S118	377	(sulfide or sulphide) with cobalt with (ruthenium or ru)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:39
S117	659	(sulfide or sulphide) with (cobalt or co) with (ruthenium or ru)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:39
S121	11	("mixed metal sulfide" or "mixed metal sulphide") and cobalt and (ruthenium or ru)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:44
S120	0	("mixed metal sulfide" or "mixed metal sulphide") same cobalt same (ruthenium or ru)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:44
S119	9	S118 and (electrocatalyst or electrocatalytic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:51
S123	0	"cobalt ruthenium sulfide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:54
S125	3	"ruthenium sulfide" near5 cobalt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:55
S124	0	cobalt\$1ruthenium\$1sulfide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:55
S126	8	("3297564"   "3840389"   "4107083"   "4115463"   "4279737"   "4358399"   "4469812").PN. OR ("5248648").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 14:56

## EAST Search History

S12 2	11	S117 and (electrocatalyst or electrocatalytic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/01 14:57
S12 7	48	("metal sulfide" or "mixed metal sulfide" or "metal sulphide" or "mixed metal sulphide") with cobalt with ruthenium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 09:06
S12 9	840	hailey/.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 09:09
S13 1	0	S130 and ((support or carrier) same carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 09:10
S13 0	1	S129 and (sulfide with cobalt with ruthenium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 09:10
S13 3	27	("4007135"   "4108761"   "4171258"   "4491639"   "4595672"   "4740491"   "4824820"   "4945078"   "5122258"   "5173468"   "5525740"   "5736483"   "5854167"   "5905053").PN. OR ("6149799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 09:11
S13 2	1	S130 and carbon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 09:11
S12 8	11	S127 and ((support or carrier) with carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 09:11
S13 4	3	S133 and ((support or carrier) with carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 09:19

## EAST Search History

S13 5	19	("3830853"   "4443644"   "4443645"   "4443646"   "4443647"   "4443648"   "4443649"   "4444984"   "4450310"   "4499322"   "4499323"   "4499324"   "4523049"   "4774216").PN. OR ("4945078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 09:31
L1	2312	peroxide with decomposi\$4 with catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 10:11
L2	2	1 and (catalyst with (sulfide or sulphide) with (ruthenium or ru) with (cobalt or co))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 10:12